: 09/404,891 East search 2/27/05 AMB

BRS	1351	serializer or deserializer	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33 S10
BRS	45916	pll or (phase adj lock\$2 adj loop\$1)	US-PGPUB, USPAT, EPO; DERWENT	9/28/02 17:26 S11
BRS	13846	parallel adj output	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:27 S12
BRS	49			
bro	49	(serializer or deserializer) with (parallel adj output)	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:27 S13
		((serializer or deserializer) with (parallel adj output)) same (pll or (phase adj lock\$2 adj		
BRS	2	loop\$1))	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:29 S14
BRS	51132	transceiver	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:29 S15
		,		
BRS	12	transpositor como (coriolizar er decoriolizar) como (all er (abece edi lecide) e di lecide)	HO DODI ID. HODAT, EDG. DEDINIENT	0.000.00.47.05 040
БКО	. 12	transceiver same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1))	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:35 S16
	•	(transceiver same (serializer or deserializer) same (pll or (phase adj lock\$2 adj loop\$1)))		
BRS	10	and @ad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:04 S17
		(transceiver\$1 or (receiver\$1 with transmitter\$1)) same (serializer or deserializer) same		
BRS	16	(pll or (phase adj lock\$2 adj loop\$1))	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:36 S18
		((transceiver\$1 or (receiver\$1 with transmitter\$1)) same (serializer or deserializer) same	00 1 01 00, 001 A1, 21 0, DERWENT	3/20/02 17:00 010
BRS	13		HO DODING HODAT EDG. DECKIENT	0000004700 040
		(pll or (phase adj lock\$2 adj loop\$1))) and @ad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 17:36 S19
BRS	1	6377575.pn. and deserializer\$1	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:33 S20
BRS	1	6377575.pn. and phase	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:38 S21
BRS	1	6377575.pn. and cmu	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:42 S22
BRS	1	6377575.pn. and dru	US-PGPUB; USPAT; EPO; DERWENT	9/28/02 18:43 S23
BRS	3096	select\$5 near3 (demux\$1 or demultiplex\$5)	US-PGPUB; USPAT; EPO; DERWENT	
BRS	41875			12/19/03 11:00 S24
		select\$5 near3 (mux\$1 or multiplex\$5)	US-PGPUB; USPAT, EPO; DERWENT	12/19/03 11:00 S25
	13345	parallel adj serial	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:00 S26
BRS	19366	serial adj parallel	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:00 S27
BRS	186	(select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:10 S28
BRS	17	(select\$5 near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:01 S29
		((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5	1004 01 00, 001 A1, E1 0, DERWENT	12/19/03 11:01 329
DDC	- .			
BRS	5 .	near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial))	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 11:19 S30
		(((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5		
BRS	4	near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial))) and clock\$	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:11 S31
BRS	1	4809345.pn. and (clock\$4 or timing or tim\$5 or synchroni\$6 or sync\$5)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43 S32
BRS	1	4610026.pn. and (clock\$4 or timing or tim\$5 or synchroni\$6 or sync\$5)	US-PGPUB; USPAT; EPO; DERWENT	
BRS	ò			12/19/03 11:47 S33
		4809345.pn. and (phhase)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43 S34
BRS	0	, 4809345.pn. and (phase)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43 S35
BRS	1	4809345.pn. and (phase\$)	US-PGPUB; USPAT; EPO; DERWENT	12/19/03 13:43 S36
BRS	197	(select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)	US-PGPUB, USPAT, EPO; DERWENT	6/14/04 17:10 S37
BRS	119	(select\$5 near3 (mux\$1 or multiplex\$5)) same (serializer\$1)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:10 S38
		((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) or ((select\$5 near3	00 1 01 0B, 001 / 11, E1 0, BERTIERT	0/14/04 17:10 000
BRS	316		LIG DODUG, LIGDAT, EGG, DECIMENT	011 110 1 17 10 000
פאם	310	(mux\$1 or multiplex\$5)) same (serializer\$1))	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:10 S39
		(((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5	•	
BRS	4	near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial))) and clock\$4	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:11 S40
		(((select\$5 near3 (mux\$1 or multiplex\$5)) same (serializer\$1)) and ((select\$5 near3		
BRS	1	(demux\$1 or demultiplex\$5)) same (serializer\$4))) and clock\$4	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:11 S41
		((((select\$5 near3 (mux\$1 or multiplex\$5)) same (serial adj parallel)) and ((select\$5	CO T C. CB, COT AT, ET C, BERWEITT	0/14/04 17:11 041
		near3 (demux\$1 or demultiplex\$5)) same (parallel adj serial))) and clock\$4) or		
		((((select\$5 near3 (mux\$1 or multiplex\$5)) same (serializer\$1)) and ((select\$5 near3		
BRS	5	(demux\$1 or demultiplex\$5)) same (serializer\$4))) and clock\$4)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:14 S42
BRS	1	4809345.pn. and "1408"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:15 S43
BRS	1	4809345.pn. and clock\$4	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:16 S44
	14165			
BRS		parallel adj serial	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:16 S45
	2677	p/s	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17 S46
	15968	(parallel adj serial) or "p/s"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17 S47
BRS	363	((parallel adj serial) or "p/s") same (demux or demultiplex\$5)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17 S48
BRS	20916	serial adj parallel	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17 S49
	2160	s/p	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17 S50
	22199			
		(serial adj parallel) or "s/p"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:17 S51
BRS	1917	((serial adj parallel) or "s/p") same (mux or multiplex\$5)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18 S52
BRS	37	(((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same "19"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18 S53
		(((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel)	. , , .	
BRS	108	or "s/p") same (mux or multiplex\$5))	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18 S54
		((((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj	03-FGFOB, CSFAT, EFO, DERWENT	0/14/04 17:16 334
BRS	83			•
BNO	03	parallel) or "s/p") same (mux or multiplex\$5))) and @ad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18 S55
		((((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj		
BRS	11	parallel) or "s/p") same (mux or multiplex\$5))) and @rlad<"19990424"	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:18 S56
		(((((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj		
		parallel) or "s/p") same (mux or multiplex\$5))) and @ad<"19990424") or (((((parallel adj		
		serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p")		
BRS	83	same (mux or multiplex\$5))) and @rlad<"19990424")	LIS DODLID-LISDAT, EDG. DECIMENT	6/4 A/D 4 47:04 057
2.10		deline (max of manupiex#5/)) and @nad 19990424)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:21 S57
		The state of the s		
		((((((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj		
		parallel) or "s/p") same (mux or multiplex\$5))) and @ad<"19990424") or (((((parallel adj		
		serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p")		
BRS	67	same (mux or multiplex\$5))) and @rlad<"19990424")) and clock\$5	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:00 SE9
		וווער שו ווישר שו ווישר איים וווישר שווישר ווישר איים וווישר שווישר איים וווישר איים וווישר איים ווישר איים וו	55 . 51 65, 661 A1, EFG, DERWENT	UT 14104 17.28 330
		/////parallol adi parial) or lin/alli anno (domini andomini domini)		
		((((((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj		
		parallel) or "s/p") same (mux or multiplex\$5))) and @ad<"19990424") or (((((parallel adj		
		serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p")		
BRS	28	same (mux or multiplex\$5))) and @rlad<"19990424")) and clock\$5 same phas\$5	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33 S59
		, and the state of		

(((((((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5))) and @ad<"19990424") or ((((((parallel adj serial) or "p/s") same (demux or demultiplex\$5))) same (((serial adj parallel) or "s/p") same (mux or multiplex\$5))) and @rlad<"19990424")) and clock\$5 same (timing or

BRS	58	time)	US-PGPUB; USPAT; EPO; DERWENT	6/14/04 17:30	SEO
_	248829	mux or multiplex\$6	US-PGPUB; USPAT; EPO; DERWENT		
BRS		serial adj parallel	US-PGPUB: USPAT: EPO: DERWENT	6/23/04 18:27	
BRS	2169	s/p			
			US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:27	
BRS	22319	S2 or S3	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:27	
BRS	1048	S1 with S4	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S5
BRS	60	S5 same phase	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:33	S6
BRS	2	6351168	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:34	\$7
BRS	931	Maiorana	US-PGPUB; USPAT; EPO; DERWENT	6/23/04 18:34	S8
BRŞ	32	S8 and scott.in.	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S9
BRS	2	4727541.pn.	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 19:24	S61
BRS	1003	Maiorana	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S62
BRS	35	S62 and scott.in.	US-PGPUB, USPAT, EPO, DERWENT	2/27/05 18:33	
BRS	3026	serializer or deserializer	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:33	S65
		((((((parallel adj serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj			
		parallel) or "s/p") same (mux or multiplex\$5))) and @ad<"19990424") or (((((parallel adj			
		serial) or "p/s") same (demux or demultiplex\$5)) same (((serial adj parallel) or "s/p")			
BRS	28	same (mux or multiplex\$5))) and @rlad<"19990424")) and clock\$5 same phas\$5	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:38	864
BRS	273184	mux or multiplex\$6	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	
BRS	23321	serial adj parallel	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	
BRS	2454	s/p			
BRS	24766	9/P S67 or S68	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	
			US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	
BRS	1132	S66 with S69	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:46	S70
IS&R		(375/375,372,376,362,354,327,316).CCLS.	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:47	S71
BRS	51	S71 and S65 and S66	US-PGPUB; USPAT; EPO; DERWENT	2/27/05 18:47	S72